

Comparisons of Job Characteristics

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Brickmasons and Blockmasons (47-2021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Brickmasons and Blockmasons (47-2021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	17.9	17.5	0 Current knowledge level may be sufficient
Design	5.2	10.7	12.2	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Brickmasons and Blockmasons (47-2021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mathematics	6.2	8.9	8.0	< A higher skill level may be required
Quality Control Analysis	5.9	8.3	7.9	0 Current skill level may be sufficient
Equipment Selection	3.3	5.8	5.9	0 Current skill level may be sufficient
Management of Material Resources	3.7	5.1	4.3	< A higher skill level may be required
Repairing	3.4	5.1	6.1	> Skill level is likely sufficient
Equipment Maintenance	3.5	4.7	5.1	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Carpenters (47-2031)
Associated Occupation: Brickmasons and Blockmasons (47-2021)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Static Strength	5.0	14.1	11.3	<	Some improvement in abilities may be required
Trunk Strength	5.7	13.8	11.4	<	Some improvement in abilities may be required
Extent Flexibility	4.8	11.9	10.8	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.8	11.2	0	Current ability level may be sufficient
Dynamic Strength	3.5	11.4	7.0	<<	Extensive improvement in abilities may be required
Visualization	7.5	11.1	11.3	0	Current ability level may be sufficient
Multilimb Coordination	6.0	10.8	10.8	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	8.0	8.6	0	Current ability level may be sufficient
Stamina	4.0	7.8	8.7	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Carpenters (47-2031)
Associated Occupation: Brickmasons and Blockmasons (47-2021)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Apply adhesives, caulking, sealants, or coatings	45
Build or repair structures in construction, repair, or manufacturing setting	54
Climb ladders, scaffolding, or utility or telephone poles	56
Determine material or tool requirements	72
Erect scaffold	56
Fabricate, assemble, or disassemble manufactured products by hand	11
Inspect premises or structure for evidence of deterioration or damage	85
Move or fit heavy objects	8
Perform safety inspections in construction or resource extraction setting	46
Read blueprints	10
Read tape measure	41
Read technical drawings	7
Understand construction specifications	53
Use hand or power tools	2
Use measuring devices in construction or extraction work	41
Weld together metal parts, components, or structures	54

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 79

Focus Occupation: Carpenters (47-2031)

Associated Occupation: Brickmasons and Blockmasons (47-2021)

Tools and Technologies	Exclusivity
Business function specific software	1
Compressors	9
Computers	1
Cutting and crimping and punching tools	3
Dispensing tools	6
Drafting supplies	9
Face and head protection	7
Fall protection	16
Fastener setting tools	12
Finance accounting and enterprise resource planning ERP software	2
Forming tools	2
Holding and clamping tools	3
Indicating and recording instruments	2
Industry specific software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machinery for working wood and stone and ceramic and the like	12
Marking tools	11
Measuring and layout tools	3
Pneumatic tools	8
Power generators	16
Power tools	2
Prying and bending tools	10
Respiratory protection	6
Rough and finishing tools	5
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.